

VARIABLE BLEED SOLENOID

ABSTRACT

A low leak variable bleed solenoid. The solenoid can be configured in either a proportional or inversely proportional configuration by interchanging parts of the solenoid. The solenoid includes a valve manifold for metering flow from supply to exhaust. The valve manifold includes a first valve seat and a second valve seat for selectively sealing of hydraulic supply side pressure and control side pressure.

and the *U.S. News & World Report* in 2000, the *Wall Street Journal* in 2001, and the *Washington Post* in 2002.